

T02020" 0486860

### Dropping Insulin Requirements with Testosterone Injections

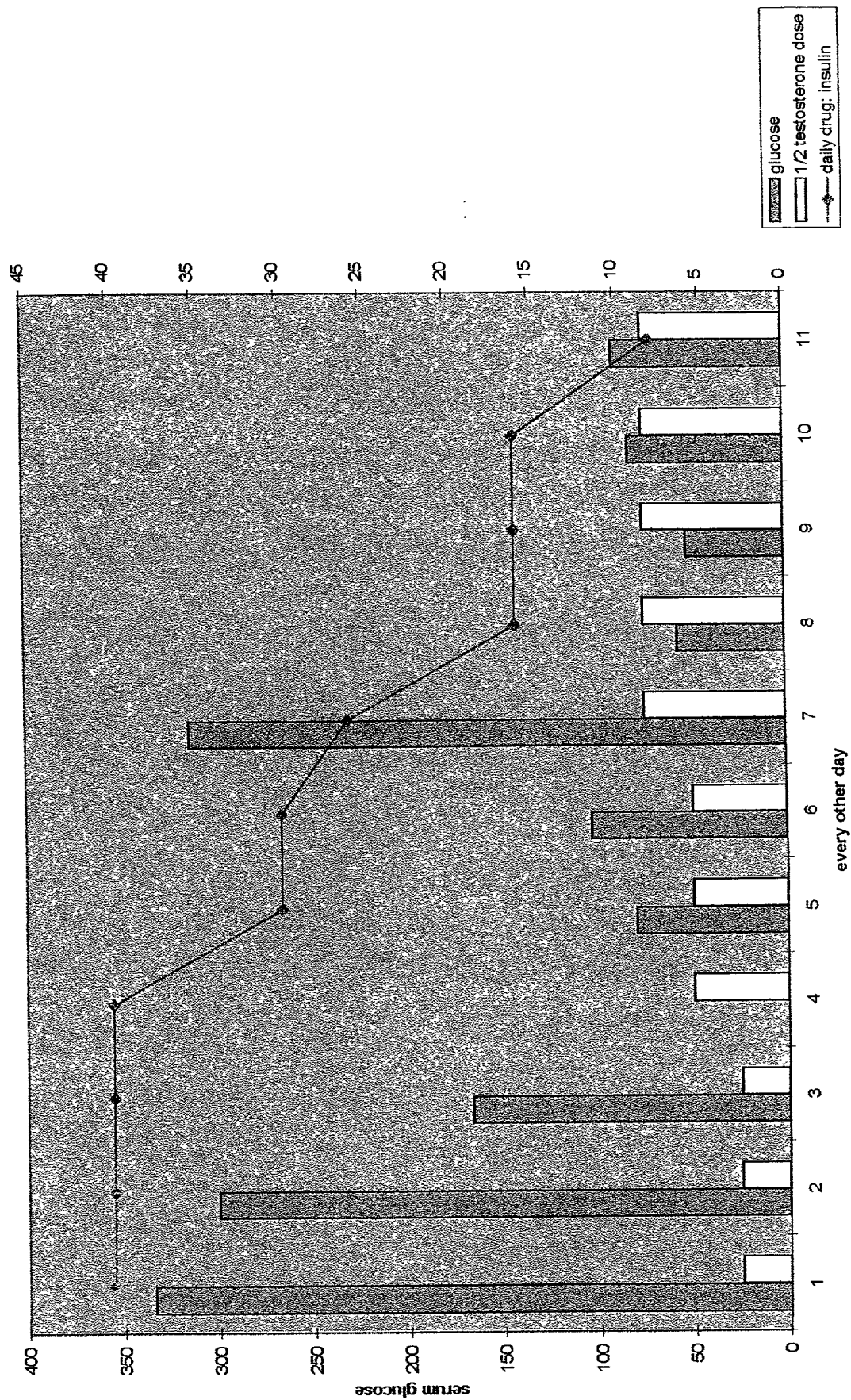


FIGURE 1

T02070" 02286860

### Dropping Micronase Requirements with Testosterone Injection

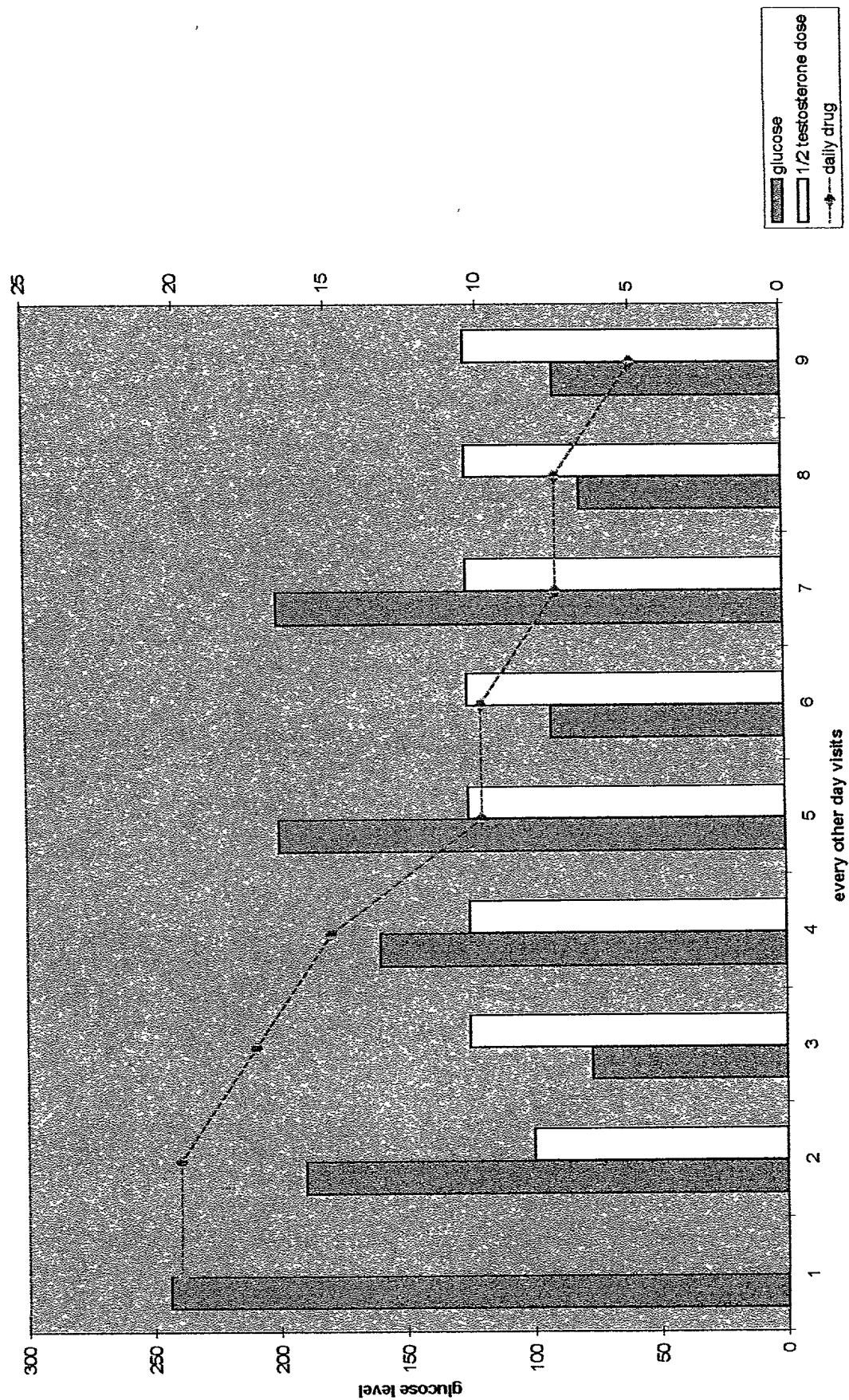


FIGURE 2

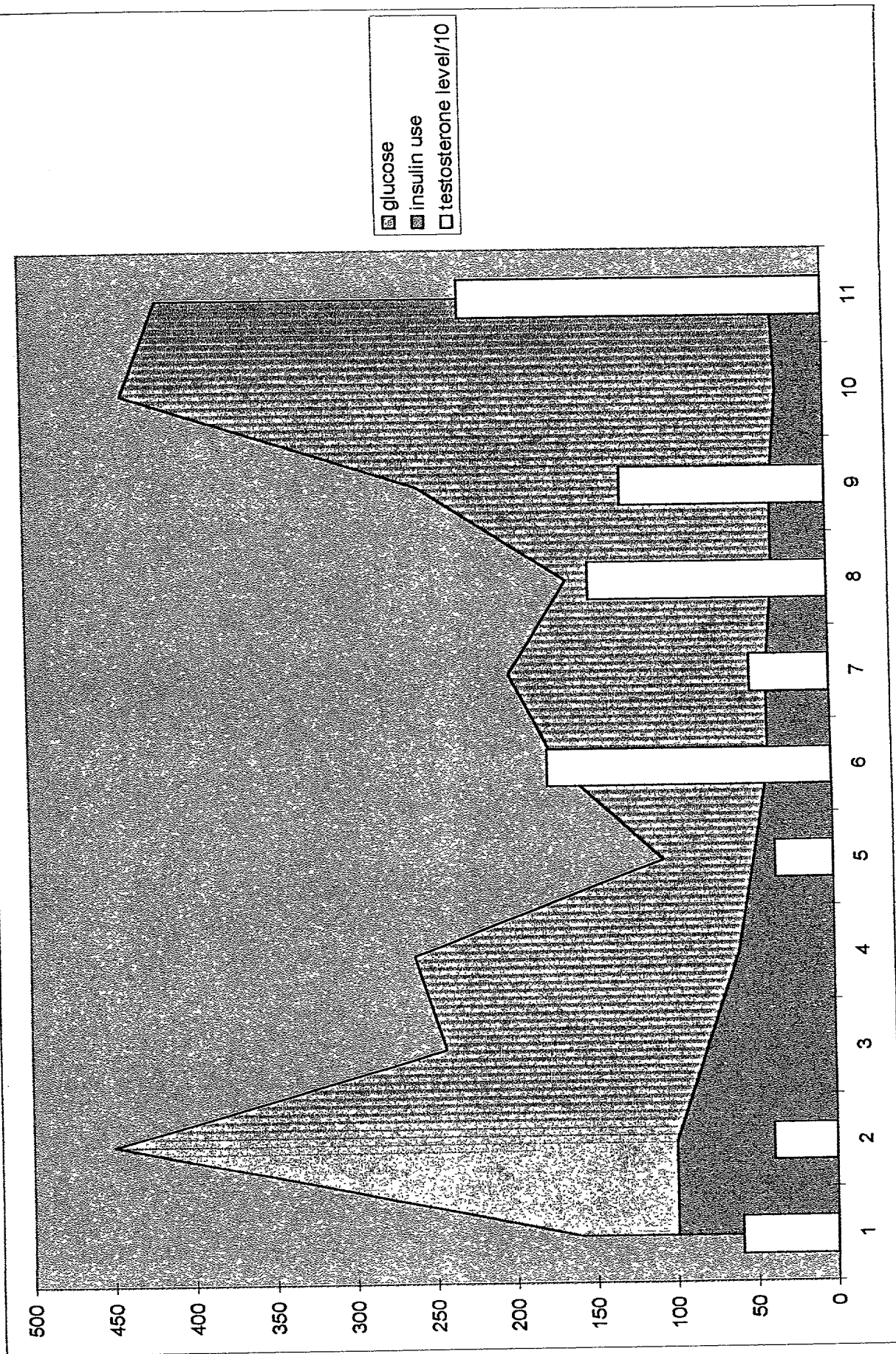


FIGURE 3



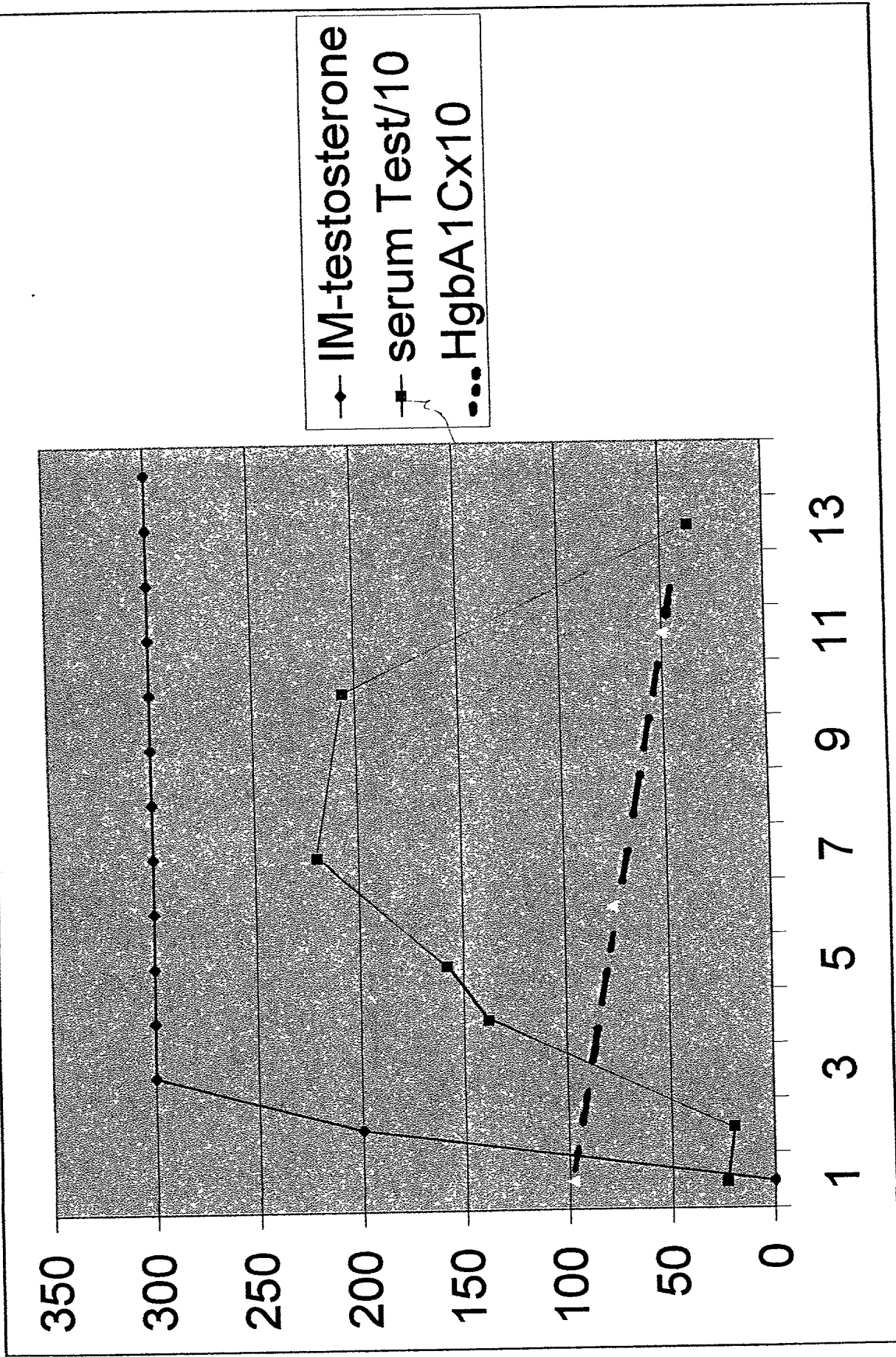
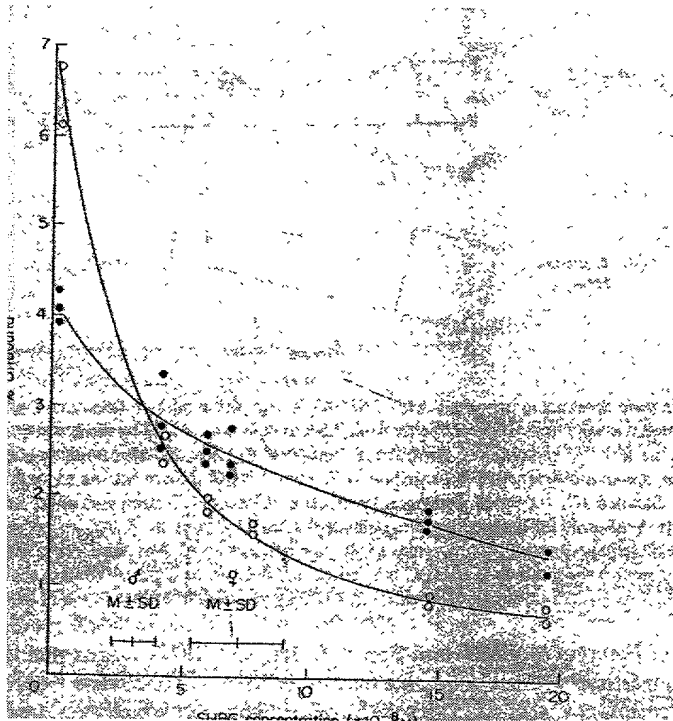


FIGURE 4



*In vitro* experiment showing differential effect of SHBG on the percentage unbound of tracer triated testosterone (o) and estradiol(\*). Normal male and female concentrations indicated by the horizontal bars. Reproduced from Burke and Anderson with permission of Editor.

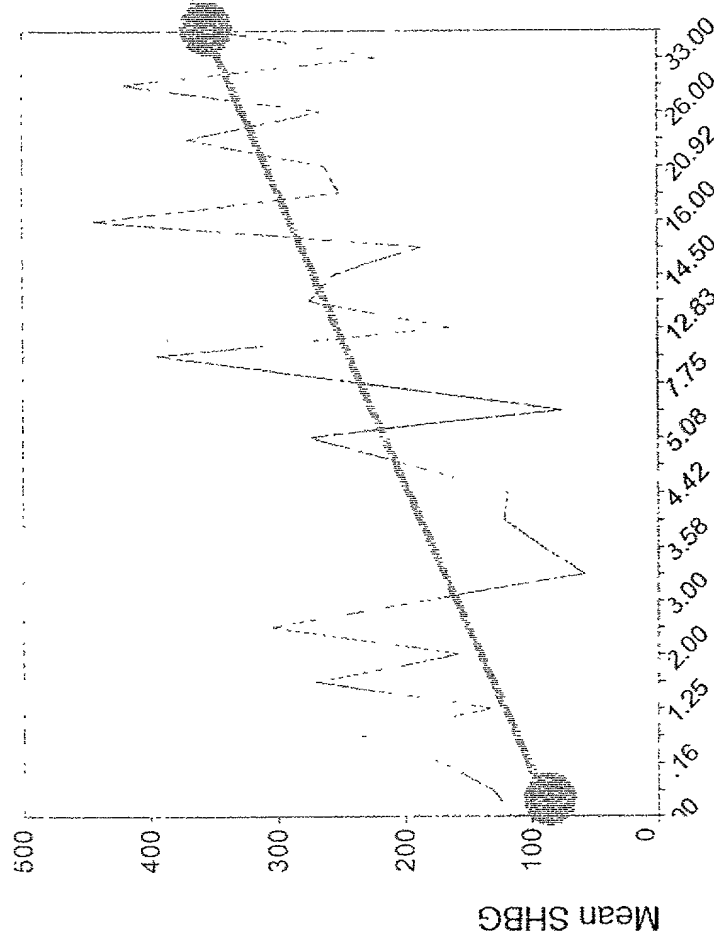
FIGURE 5

# D-ESTROGENS Correlate to SHBG

## LENGTH OF TIME ON ESTROGEN REPLACEMENT!

Mean SHBG  
correlates with  
Number of  
Years on ERT

**$P < .0001$**



total duration of hrt use in years and months

FIGURE 6

# Long-term ERT *increases* SHBG

Correlation	P value
No vs >10 years	.0005
1-4 vs >10 years	.0005
No vs 1-4 years	.039
5-9 vs >10 years	.037

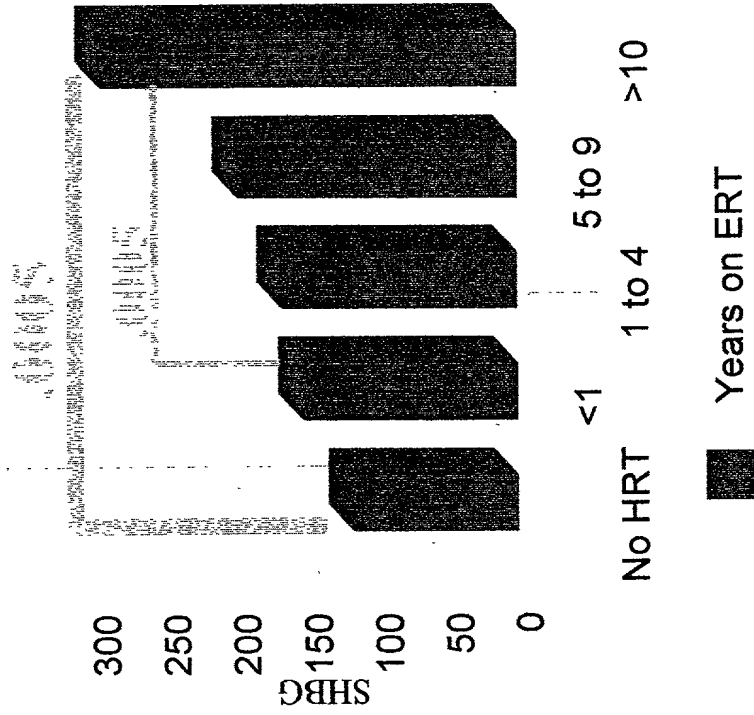


FIGURE 7

# Long-term ERT correlates to Insulin

As D-ERT increases Serum Insulin Decreases

Correlation P value

No ERT vs >10 Years

.044

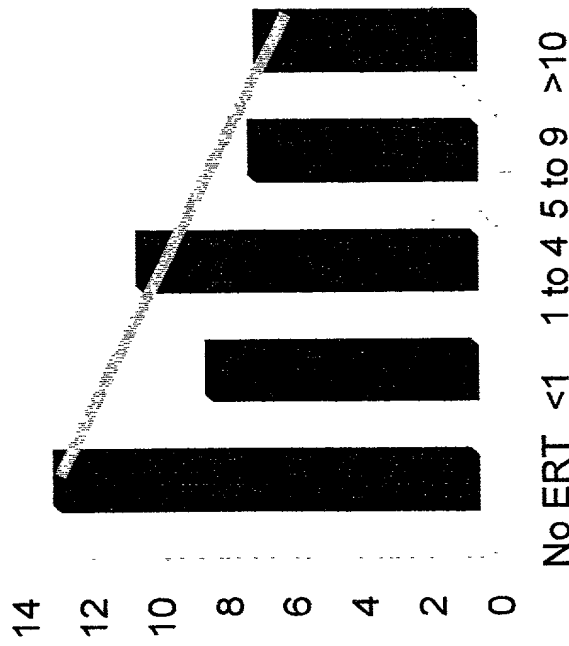


FIGURE 8



09898770.070201

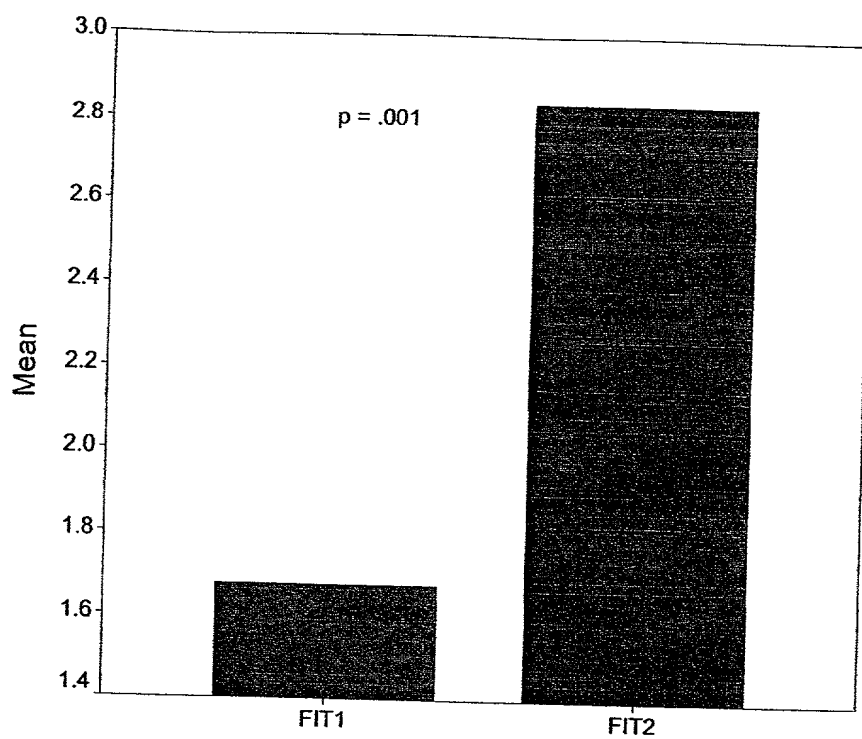


FIGURE 9

# F.I.T. Index

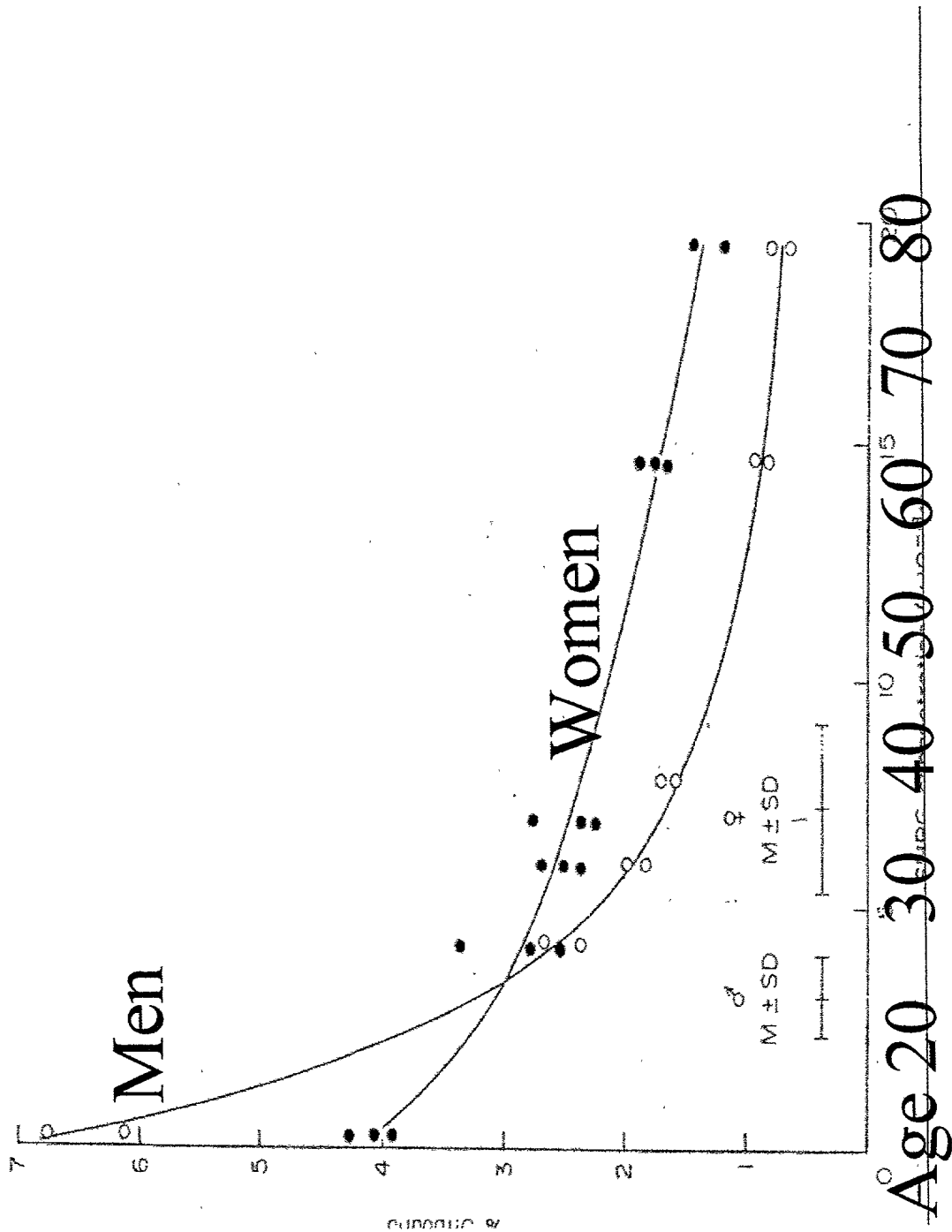


FIGURE 10